

PROHIBITED LEDGER ATTACHMENTS

Attachments to the ends of pre-manufactured open web joists, to brick veneers, and to house overhangs or bay windows are strictly prohibited; see FIGURE 16 through FIGURE 18. In such cases the deck shall be free-standing. See FREE-STANDING DECKS on Sheet 11.

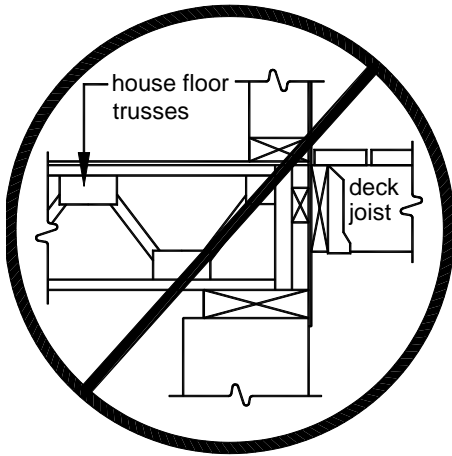


FIGURE 16: NO ATTACHMENT TO OPEN WEB TRUSSES

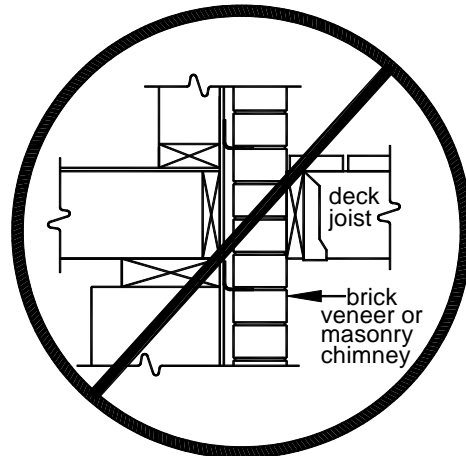


FIGURE 17: NO ATTACHMENT TO OR THRU BRICK VENEER

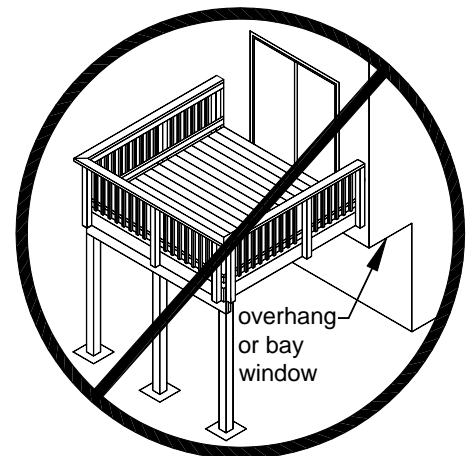


FIGURE 18: NO ATTACHMENT TO HOUSE OVERHANG

LEDGER BOARD FASTENERS

The spacing between ledger board fasteners is dependent on the span length of the joists. Use TABLE 4 to determine fastener spacing and install in the configuration shown in FIGURE 19. All fasteners shall be installed with washers and must be thoroughly tightened. Adequacy of connections will be verified by county inspectors. If a ladder is required to access the ledger board, one must be provided by the property owner, permit holder, or their representative.

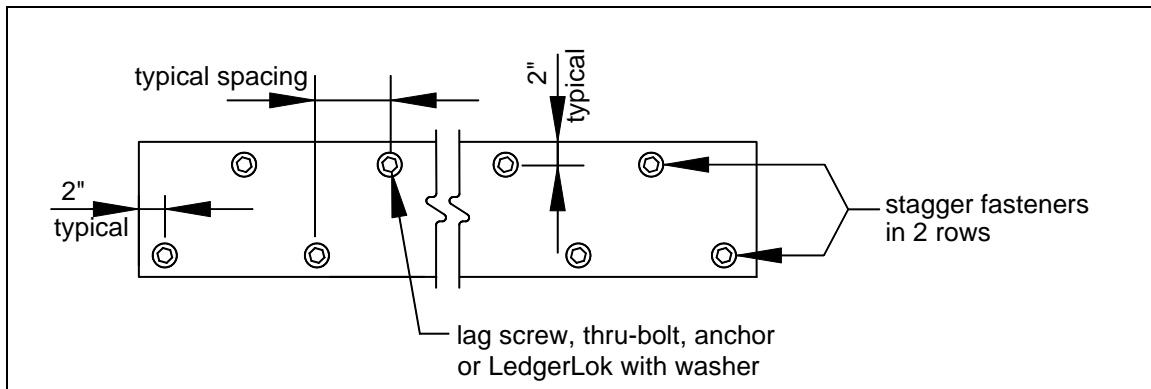


FIGURE 19: LEDGER BOARD FASTENER SPACING AND CLEARANCES

TABLE 4: LEDGER BOARD FASTENER SPACING

Joist Span	Fastener spacing, on center		
	Lag Screws*	LedgerLok*	Thru-bolts, Expansion Anchors, Epoxy Anchors*
0 – 6'-0"	30"	16"	36"
6'-1" – 8'-0"	23"	12"	36"
8'-1" – 10'-0"	18"	10"	34"
10'-1" – 12'-0"	15"	8"	29"
12'-1" – 14'-0"	13"	7"	24"
14'-1" – 16'-0"	11"	6"	21"
16'-1" – 18'-0"	10"	5"	19"

*See Sheet 10 for fastener specifications.



Fairfax County
VIRGINIA

Typical Deck Details

Based on the 2003 Virginia Uniform
Statewide Building Code

www.fairfaxcounty.gov/decks

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